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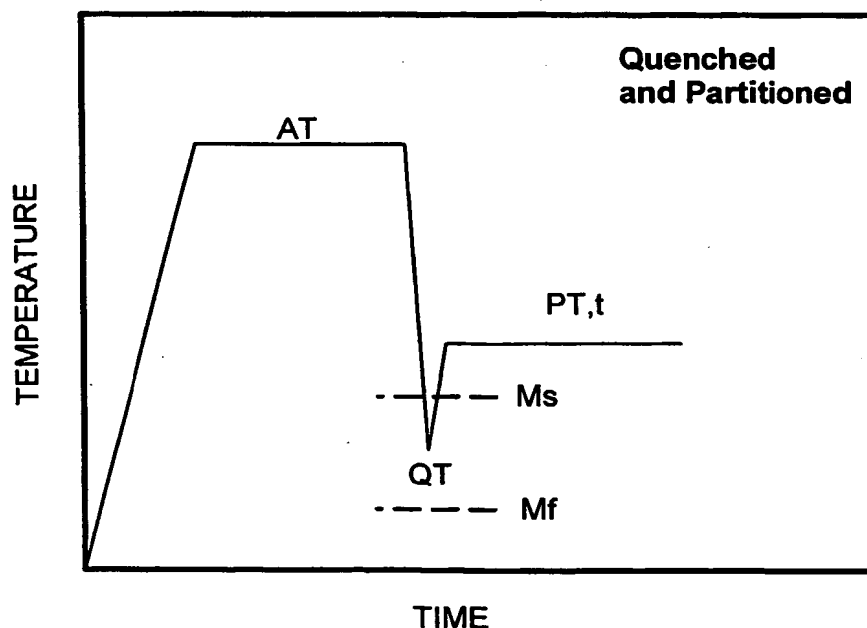
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(54) Title: METHOD FOR PRODUCING STEEL WITH RETAINED AUSTENITE



(57) Abstract: The present invention relates to a process for producing steel with retained austenite. In one embodiment, the process comprises the steps of heating a steel alloy to produce austenite, quenching the steel to produce martensite, and carbon partitioning to transfer carbon from the martensite to the austenite.